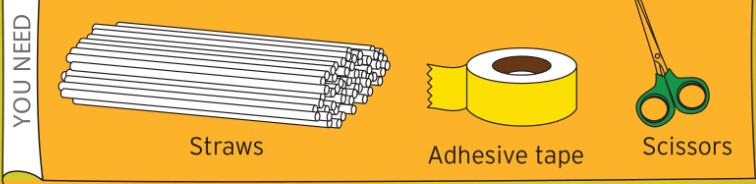


ROCK-PAPER-SCISSORS

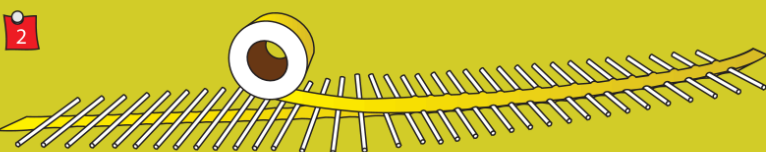
Cut, play and learn

It's summer time and there must be plenty of straws at home from drinking all those juices and tender coconut water. Put them to good use to discover how waves travel. Also here's another activity to understand centre of gravity

STRAW WAVES



Stretch the tape for 1.5 m on the floor with its sticky side up. Stick 60 straws, each 2 cm apart. Leave the rest of the tape on both ends as a handle.



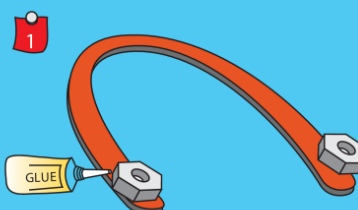
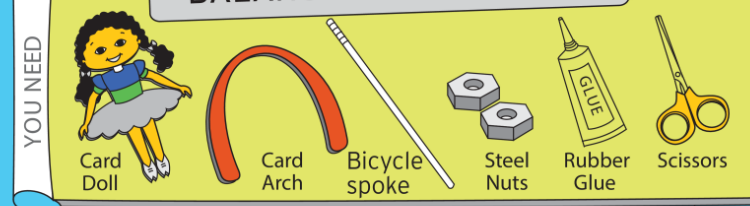
Stick another long tape on top so that all the straws are sandwiched between the two tapes.

3 Ask a friend to hold one end of the tape. You hold the other end tightly and give it a tap. You can see that a wave travels along from one end to the other.

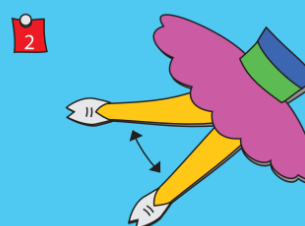


Induce "standing" waves by twisting the end tapes a few times. Now you can clearly see troughs and crests.

BALANCING BALLERINA



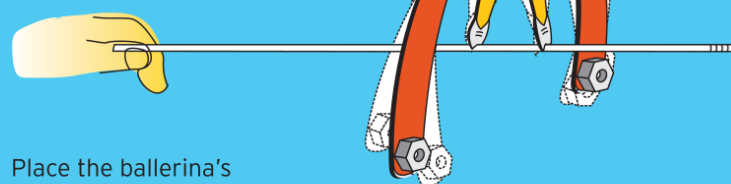
Take the card arch and stick two heavy nuts on its ends.



Take the ballerina and create notches in the shoes.



Paste the ballerina to the centre of the arch.



Place the ballerina's notched shoes on the bicycle spoke.

Because of the low centre of gravity, the ballerina will not fall and will go back and forth on the spoke.